

Freeform Search

Database:	US Pre-Grant Publication Full-Text Database US Patents Full-Text Database US OCR Full-Text Database EPO Abstracts Database JPO Abstracts Database Derwent World Patents Index IBM Technical Disclosure Bulletins
Term:	L36 and (spiral or helical)
Display:	10 Documents in Display Format: - Starting with Number 1
Generate: <input type="radio"/> Hit List <input checked="" type="radio"/> Hit Count <input type="radio"/> Side by Side <input type="radio"/> Image	

Search

Clear

Interrupt

Search History

DATE: Tuesday, September 20, 2005 [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
side by side			
<i>DB=PGPB,USPT,USOC,EPAB,JPAB; PLUR=YES; OP=ADJ</i>			
<u>L37</u>	L36 and (spiral or helical)	67	<u>L37</u>
<u>L36</u>	L35 and (brush or comb)	849	<u>L36</u>
<u>L35</u>	(399/353,343,358)![CCLS]	1914	<u>L35</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L34</u>	bidirectional helix or bidirectional spiral	11	<u>L34</u>
<u>L33</u>	bi-directional helical	13	<u>L33</u>
<u>L32</u>	bidirectional helical	14	<u>L32</u>
<u>L31</u>	bidirectional helical brush	0	<u>L31</u>
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
<u>L30</u>	3895135.pn.	1	<u>L30</u>
<u>L29</u>	4395113.pn.	1	<u>L29</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L28</u>	L25 and (photoreceptor or toner or image or print\$3)	33	<u>L28</u>
<u>L27</u>	L26 and (photoreceptor or toner or image or print\$3)	76	<u>L27</u>
<u>L26</u>	spiral brush or helical broom or helical sweeper or spiral comb	470	<u>L26</u>

<u>L25</u>	helical brush or helical comb	267	<u>L25</u>
<u>L24</u>	L4 and (helical)	22	<u>L24</u>
<u>L23</u>	L4 and (helix adj5 comb)	0	<u>L23</u>
<u>L22</u>	L4 and (helical adj5 comb)	1	<u>L22</u>
<u>L21</u>	L4 and (helical adj5 brush)	1	<u>L21</u>
<u>L20</u>	L4 and (flat brush or bidirectional brush or bi-directional brush or sweeping brush or circular brush or rotating brush or rotatable brush or rotational brush or tubular brush)	57	<u>L20</u>
<u>L19</u>	L4 and (flat brush or bidirectional brush or bi-directional brush or sweep\$3 brush or circular brush or rotat\$5 brush)	77	<u>L19</u>
<u>L18</u>	L13 and (to adj5 side\$1 or toward adj5 side\$1)	55	<u>L18</u>
<u>L17</u>	L13 and (from center)	0	<u>L17</u>
<u>L16</u>	L13 and (from adj1 center or to\$4 adj5 side\$1)	0	<u>L16</u>
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
<u>L15</u>	L14 and "brush"	1	<u>L15</u>
<u>L14</u>	5349429.pn.	1	<u>L14</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L13</u>	L12 and (brush)	490	<u>L13</u>
<u>L12</u>	(clean\$3 or wash\$3 or waste or waste remov\$3 or particle\$1 remov\$3) and (toner waste or toner debri\$1 or toner particles) and (blade) and (lubricant or lubricat\$3) and (auger or vaccuum or vacuum)	703	<u>L12</u>
<u>L11</u>	(clean\$3 or wash\$3 or waste or waste remov\$3 or particle\$1 remov\$3) and (toner waste or toner debri\$1 or toner particles) and (blade) and (lubricant or lubricat\$3) and (auger or vaccuum)	95	<u>L11</u>
<u>L10</u>	(clean\$3 or wash\$3 or waste or waste remov\$3 or particle\$1 remov\$3) and (toner waste or toner debri\$1 or toner particles) and (blade) and (lubricant or lubricat\$3) and (auger)	94	<u>L10</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB; PLUR=YES; OP=ADJ</i>			
<u>L9</u>	L8 and (lubricat\$3 or lubricant)	75	<u>L9</u>
<u>L8</u>	L7 and (blade)	139	<u>L8</u>
<u>L7</u>	L6 and (vacuum or vaccuum or auger or suction)	144	<u>L7</u>
<u>L6</u>	L5 and (toner waste or toner debri\$1 or toner particle\$1)	374	<u>L6</u>
<u>L5</u>	L4 and (clean\$3 or wash\$3 or waste or waste remov\$3 or particle\$1 remov\$3)	2327	<u>L5</u>
<u>L4</u>	(399/346,350,349)![CCLS]	2466	<u>L4</u>
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
<u>L3</u>	4890494.pn.	1	<u>L3</u>
<u>L2</u>	44890494.pn.	0	<u>L2</u>
<u>L1</u>	4222044.pn.	1	<u>L1</u>

END OF SEARCH HISTORY

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Term:

L6 and (libricat\$3 or lubricant)

Display: Documents in Display Format: Starting with Number Generate: ☐ Hit List ☒ Hit Count ☐ Side by Side ☐ Image

Search

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DATE: Tuesday, September 20, 2005 [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

Hit Count Set Name

result set

DB=PGPB,USPT,USOC,EPAB,JPAB; PLUR=YES; OP=ADJ

<u>L7</u>	L6 and (libricat\$3 or lubricant)	59	<u>L7</u>
<u>L6</u>	L4 and (blade)	121	<u>L6</u>
<u>L5</u>	L3 and (blade)	353	<u>L5</u>
<u>L4</u>	L3 and (vacuum or auger)	126	<u>L4</u>
<u>L3</u>	L2 and (toner waste or toner particles)	373	<u>L3</u>
<u>L2</u>	L1 and (clean\$3 or wash43 or waste or waste remov\$3)	2327	<u>L2</u>
<u>L1</u>	(399/346,349,350)![CCLS]	2466	<u>L1</u>

END OF SEARCH HISTORY